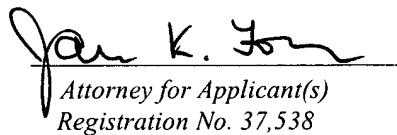


IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Application of: )  
 Applicant: Jongill Hong et al. )  
 Serial No.: 10/664,066 )  
 Conf. No.: 3251 )  
 Filed: September 16, 2003 )  
 For: MAGNETORESISTIVE SPIN... )  
 Art Unit: 1773 )  
 Examiner: Bernatz, Kevin M. )

*I hereby certify that this paper is being deposited with the United States Postal Service as FIRST-CLASS mail in an envelope addressed to: Mail Stop AF, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this date.*

April 15, 2005  
 Date

  
 Attorney for Applicant(s)  
 Registration No. 37,538

Mail Stop AF  
 Commissioner for Patents  
 P.O. Box 1450  
 Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

Sir:

Transmitted herewith is a communication regarding the above-identified application.

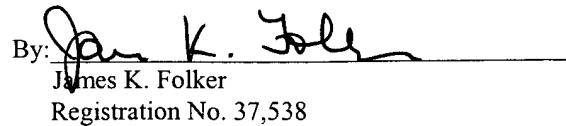
Fee Calculation For Claims As Amended

	As Amended	Previously Paid For	Present Extra	Rate	Additional Fee
Total Claims	10	20	0	\$50.00	\$ .00
Independent Claims	2	3	0	\$200.00	\$ .00
Fee for Multiple Dependent Claims				\$360.00	\$ .00
Total Additional Fee			\$ .00		
Small Entity Fee (reduced by half)			\$ .00		

- (X) Amendment B.
- (X) Petition for Extension of Time (with check for \$120.00).
- ( ) Charge \$\_\_\_\_\_ to Deposit Account No. 07-2069.
- (X) If a Petition under 37 C.F.R. §1.136(a) for an extension of time for response is required to make the attached response timely and does not separately accompany this transmittal, Applicant(s) hereby petition(s) under 37 C.F.R. §1.136(a) for an extension of time for response in the above-identified application for the period required to make the attached response timely.
- (X) The Commissioner is hereby authorized to charge any additional fees which may be required to this application under 37 C.F.R. §§1.16-1.17, or credit any overpayment, to Deposit Account No. 07-2069. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By:   
 James K. Folker  
 Registration No. 37,538

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